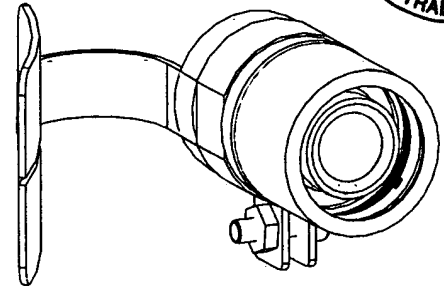
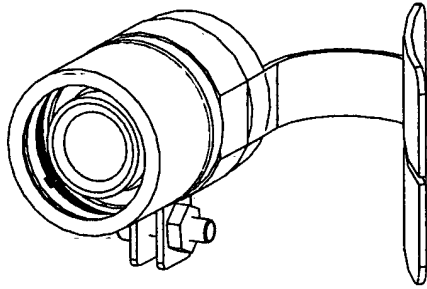
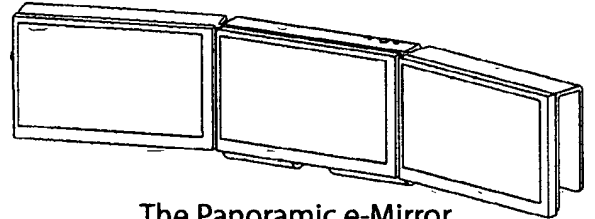
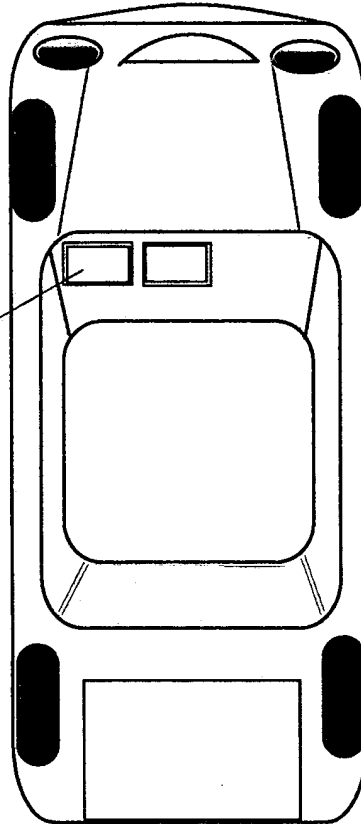


01 The Opto-electronic Visual System

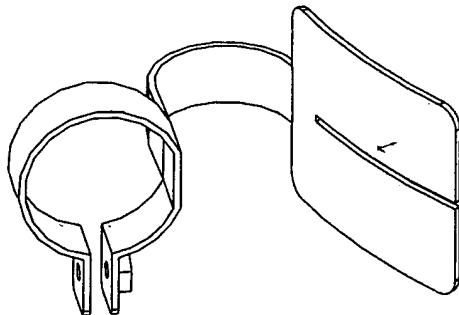
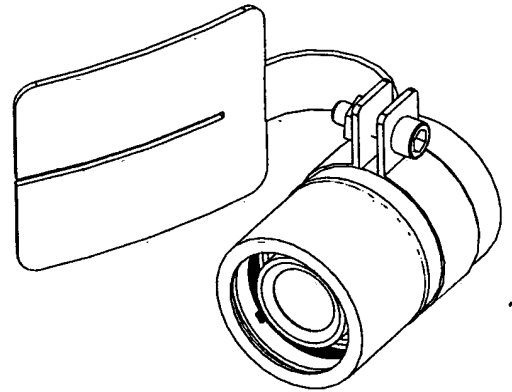
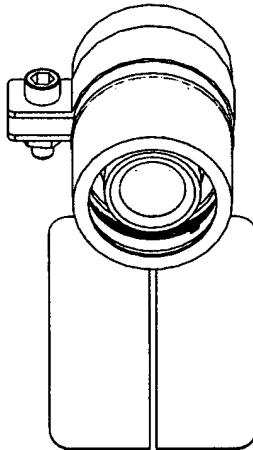
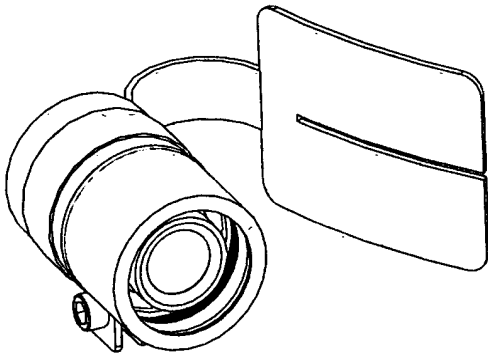


The L side, R side e-Mirrors



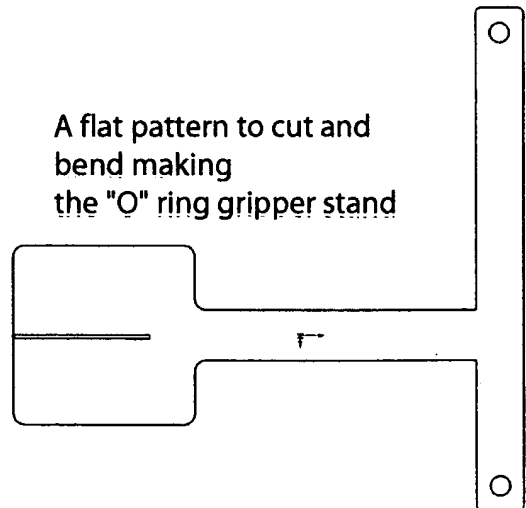
The Panoramic e-Mirror

Surface mount the owl's eye cameras

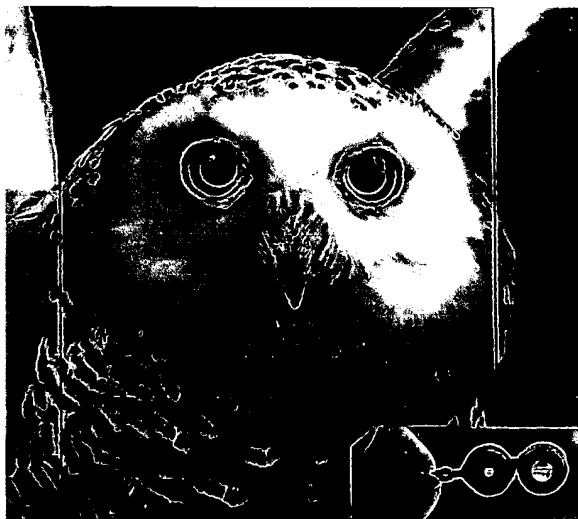
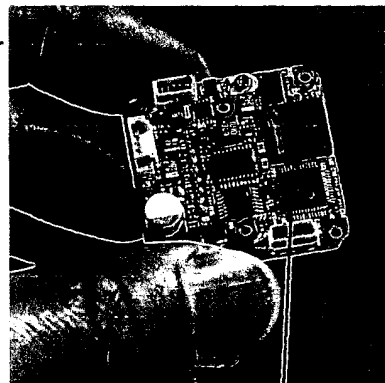
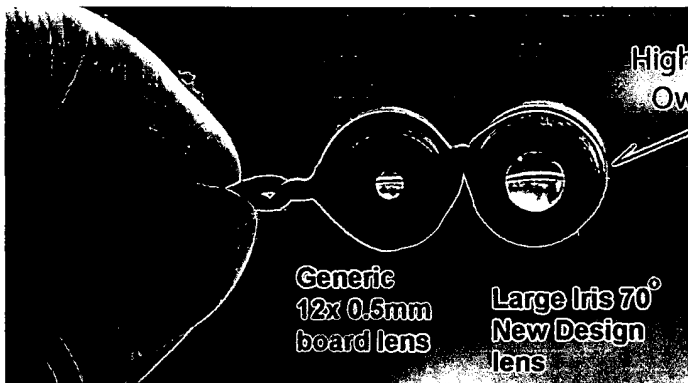
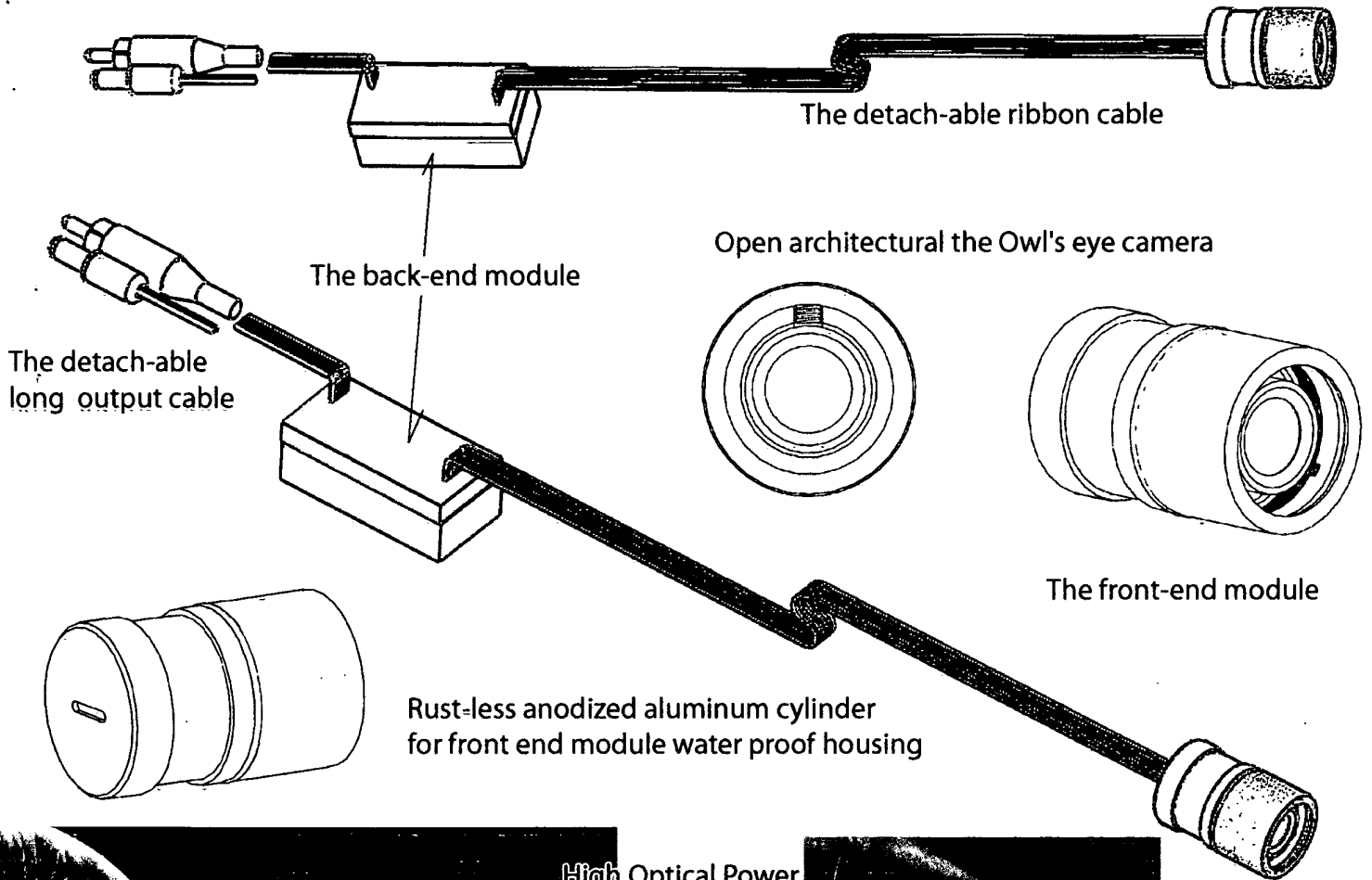


The "O" ring gripper stand

A flat pattern to cut and bend making the "O" ring gripper stand



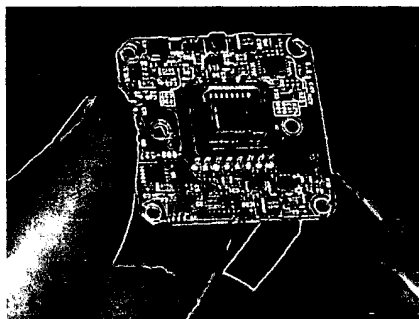
02 The Owl's Eye Camera Assembly



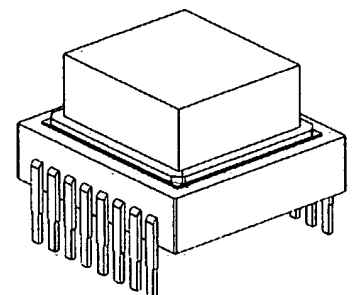
The Owl's Eye Camera

60 DB ultra S/N ratio DSP Processor,
Viewable at 0.3 -to 10,000 lux.
day & night ambient light

DSP = Digital Signal Processor

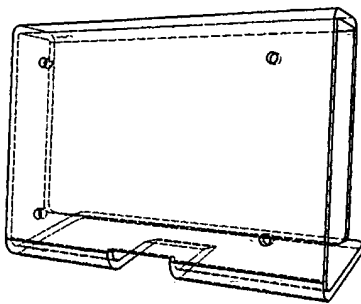


0.3 Lux ultra night vision CCD
Owl's eye night vision

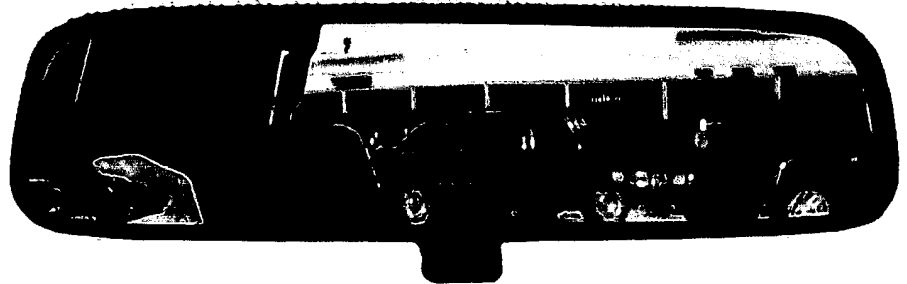
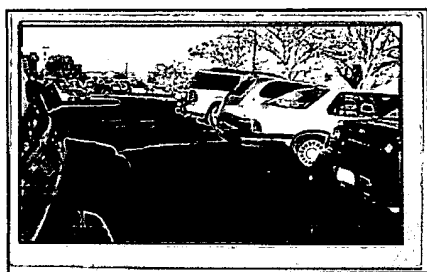


CCD chip
The Couple Charged Device

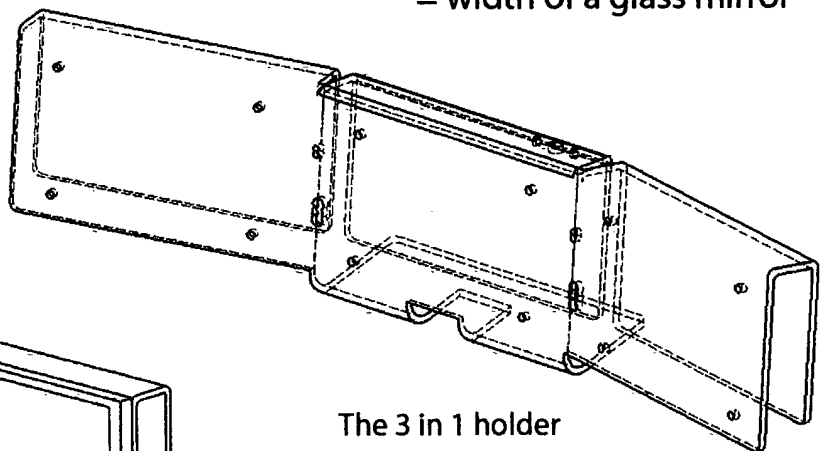
03 LCD Panels, Holders, and The Panoramic e-Mirror



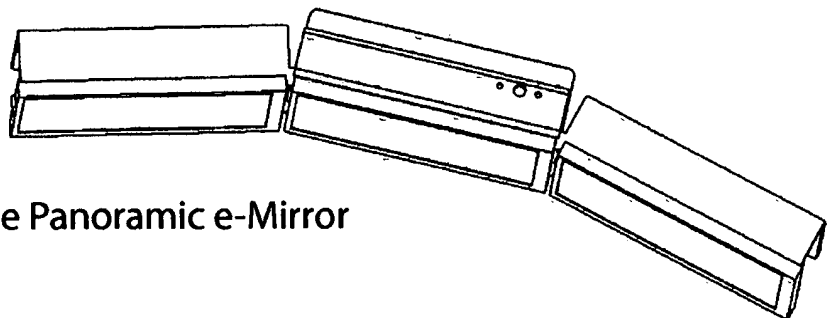
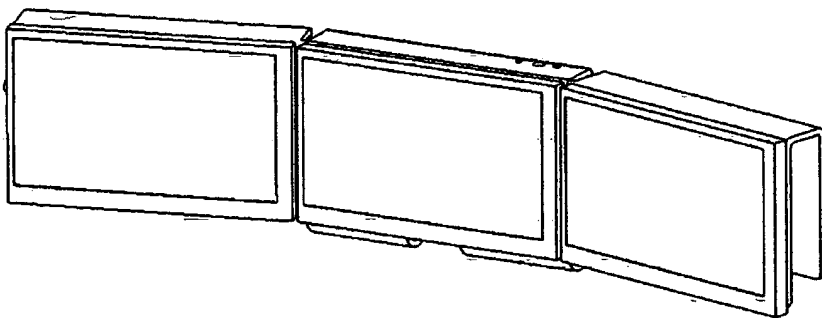
The single width holder



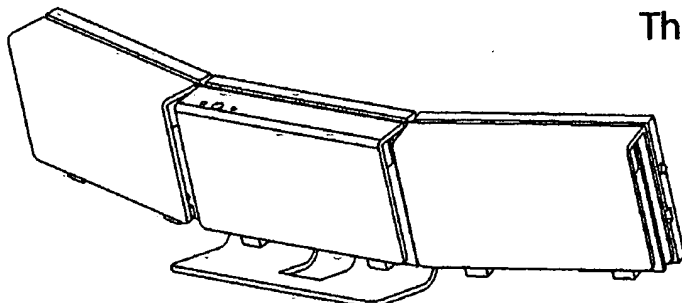
2 X LCD width side by side
= width of a glass mirror



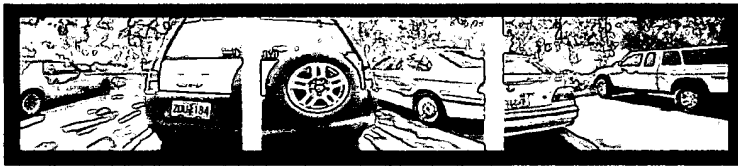
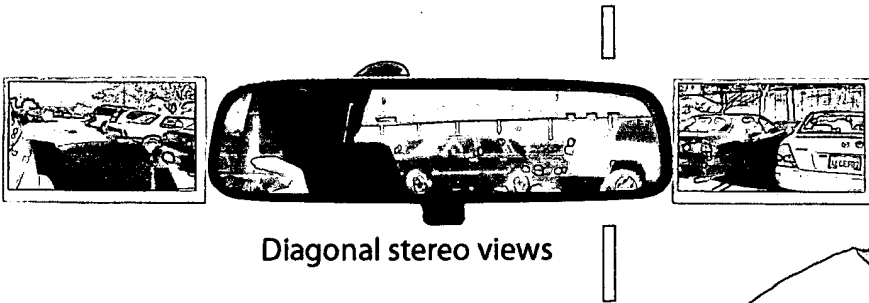
The 3 in 1 holder



The Panoramic e-Mirror



04 Micro Cameras Rear Diagonal Proximity Views Technique



Isometric proximity view in the e-Mirrors

Rear side walk people or bike detection



Diagonal proximity views give driver stereo vision, and driver feel free to drive backward fast and safely.

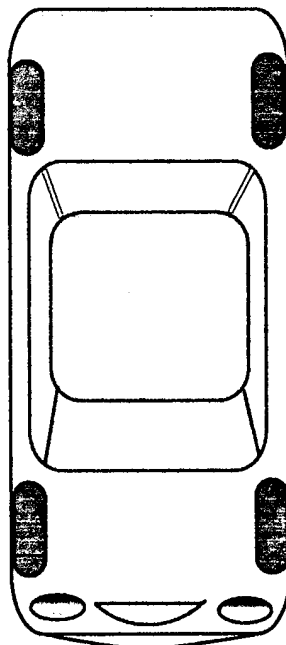
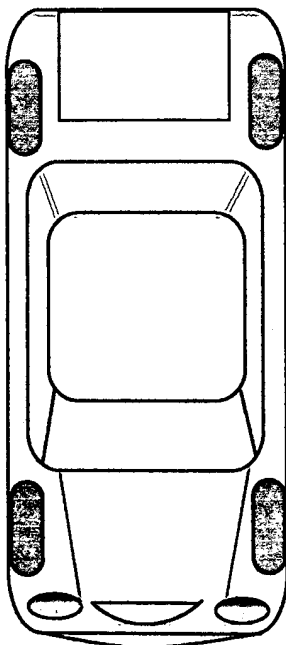
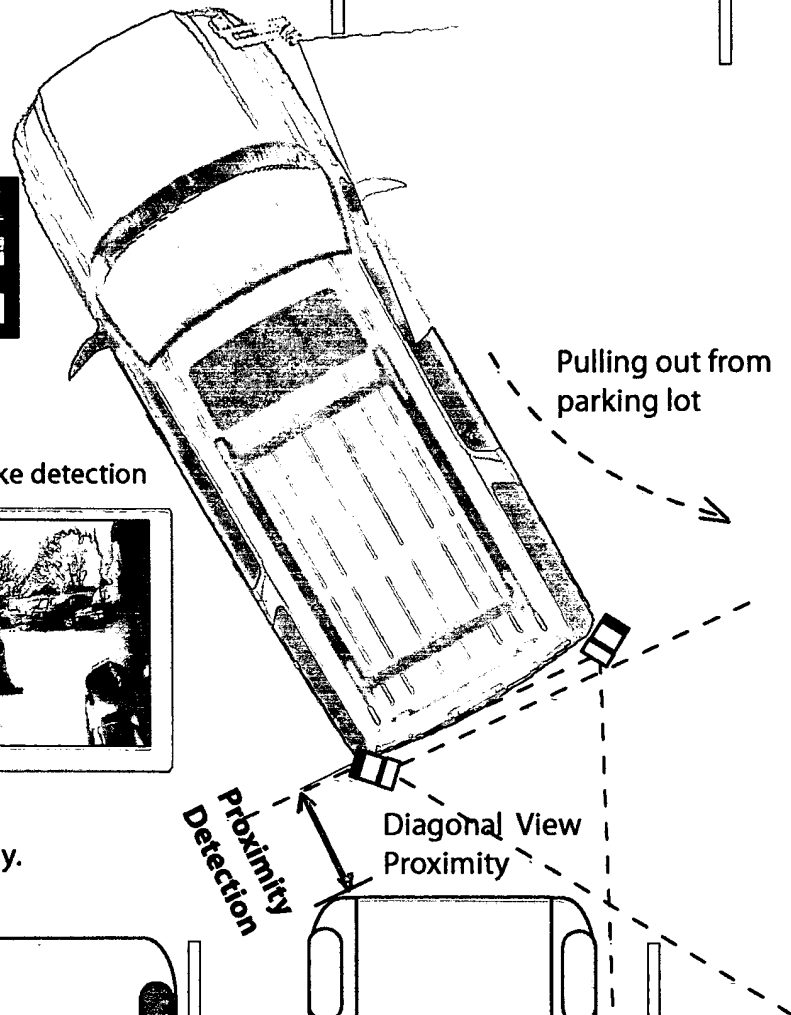
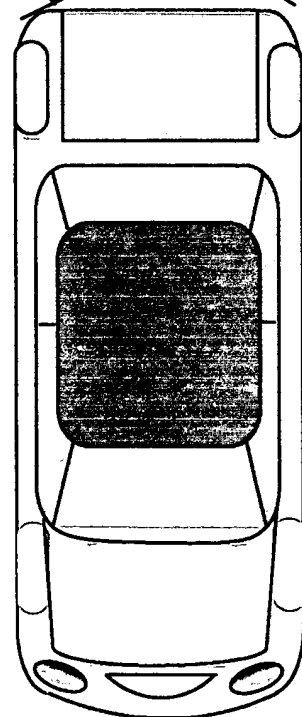
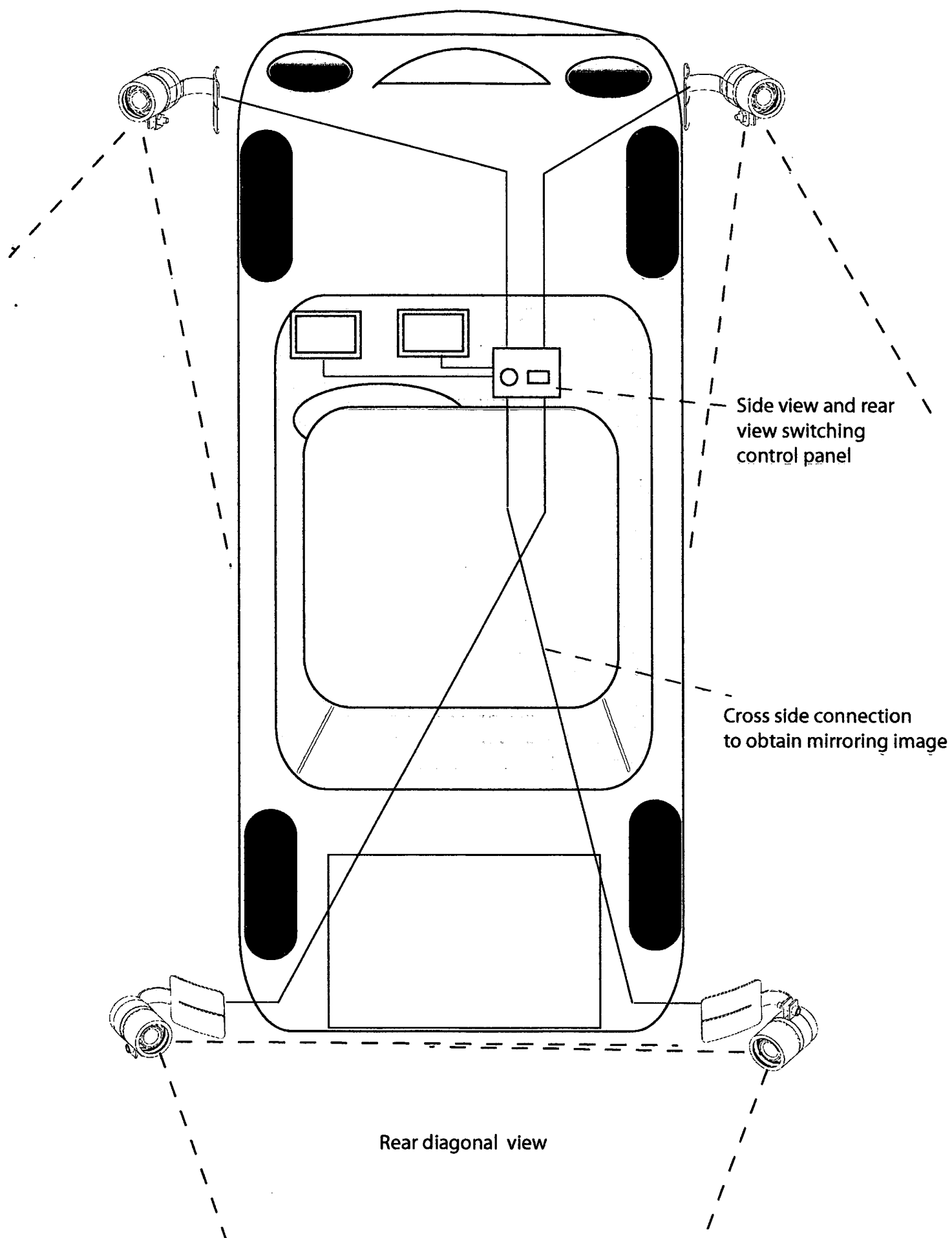


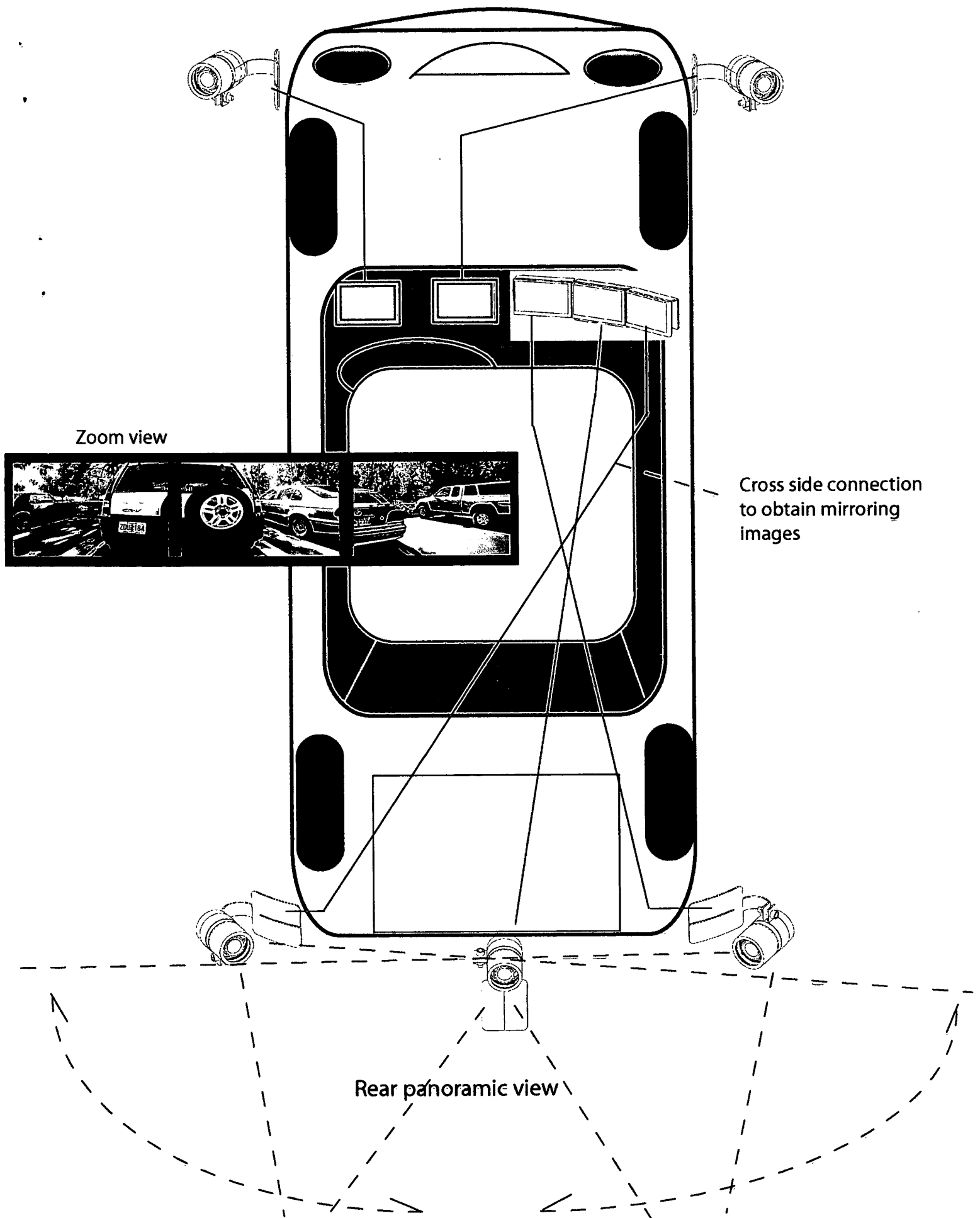
Figure 6D



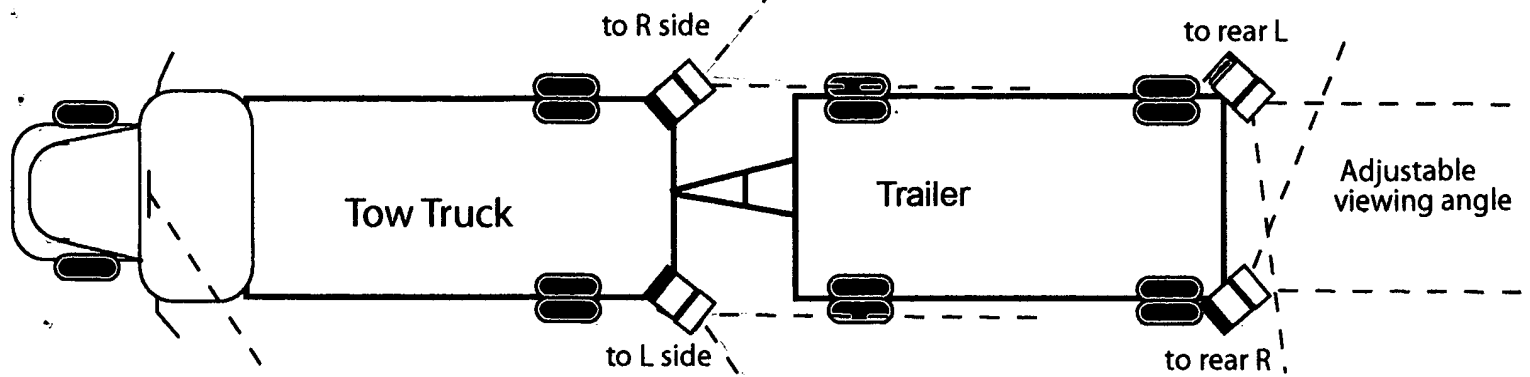
05 The Cost Effective Setting Video Circuit Connection Pattern



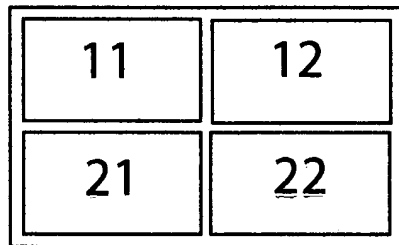
06 The Pro Setting Video Circuit Connection Pattern



07 The Quad 2 x 2 LCD e-Mirrors and Setting



The Quad 2 x 2 LCD e-Mirrors



mid
sideL

rear L



mid
side R

rear R

to quad 11

to quad 12

to quad 21

to quad 22

Large
Container
Truck

7 micro
cameras
setting

Adjustable
viewing angle

